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MAGNETORHEOLOGICAL FLUIDS WITH
STEARATE AND THIOPHOSPHATE ADDITIVES

ABSTRACT OF THE DISCLOSURE

One embodiment of the invention includes an MR fluid of improved durability. The MR fluid is particularly useful in devices that subject the fluid to substantial centrifugal forces, such as large fan clutches.

- 5 A particular embodiment includes a magnetorheological fluid including a liquid, magnetizable particles, a stearate and a thiophosphate.